

Quiz Review 4.1-4.5

4.1 1-7

1. Equiangular (Acute) 2. Right 3. Obtuse (accept Right)
(we are guessing instead of using a protractor)

4. $\triangle DAB, \triangle ABC, \triangle BCD, \triangle ADC$

5. $\triangle AEB, \triangle DEC$

6. $\triangle AED, \triangle BEC$

7. $\triangle AED, \triangle BEC, \triangle AEB, \triangle DEC$

4.2 1-16

1. 60
 $180 - 120$

2. 60
 $180 - 120$

3. 55
 $180 - (65 + 60)$

4. 120
 $70 + 50$

5. 94
 $180 - (54 + 32)$

6. 86
 $54 + 32$

7. 94

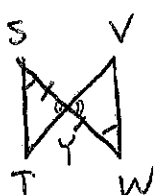
8. 86

9. 52
 $180 - (42 + 86)$

10. 24
 $180 - (62 + 94)$

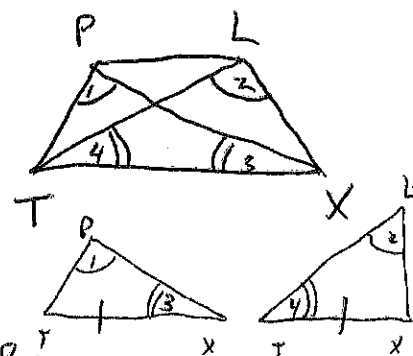
4.5

2. G: $\angle S \cong \angle W$
 $\overline{SY} \cong \overline{YW}$



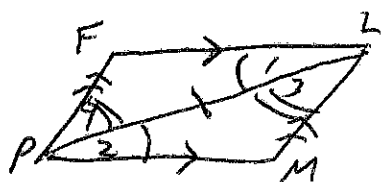
Statements	Reasons
① $\overline{SY} \cong \overline{YW}$	① Given
② $\angle SYT \cong \angle WYV$	② Vert $\angle s \cong$
③ $\triangle SYT \cong \triangle WYV$	③ ASA
④ $\overline{ST} \cong \overline{WV}$	④ CPCTC

3. G: $\angle 1 \cong \angle 2$
 $\angle 3 \cong \angle 4$
P: $\overline{PT} \cong \overline{LX}$



Statements	Reasons
① $\overline{PT} \cong \overline{LX}$	① Given
② $\angle 1 \cong \angle 2$	② Reflexive
③ $\triangle PTL \cong \triangle LXZ$	③ AAS
④ $\overline{TL} \cong \overline{ZX}$	④ CPCTC

④ G: $\overline{FP} \parallel \overline{ML}, \overline{FL} \parallel \overline{MP}$
P: $\overline{MP} \cong \overline{FL}$



Statements	Reasons
① $\overline{FP} \parallel \overline{ML}$	① Given
② $\angle 1 \cong \angle 2, \angle 4 \cong \angle 3$	② If \parallel , alt int $\angle s \cong$
③ $\overline{PL} \cong \overline{PL}$	③ Reflexive
④ $\triangle MPL \cong \triangle FLP$	④ ASA
⑤ $\overline{MP} \cong \overline{FL}$	⑤ CPCTC